**IS 281- Joseph B. Cavallaro**

**8787 24th Ave.**

**Brooklyn, NY 11214**

**Ms. M. Bender, Principal**

Name Class

Teacher Date

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| ***Unit 2 - Final Performance Task***  ***Ratios & Proportional Reasoning***  ***6.RP.1***  ***6.RP.2***  ***6.RP.3a***  ***6.RP.3b***  ***6.RP.3c***  ***6.RP.3c*** | https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcTRA9YtwG-n_Nvg4kWMq6tQfAN3mmi1go-kEziECHvNf60OhaU_Mg | baby rubricC:\Documents and Settings\admin\My Documents\Dropbox\CCLS Math\Rubrics\baby rubric.jpgC:\Documents and Settings\admin\My Documents\Dropbox\CCLS Math\Rubrics\baby rubric.jpgC:\Documents and Settings\admin\My Documents\Dropbox\CCLS Math\Rubrics\baby rubric.jpg |
| **Directions: *You are invited to help Sasha Obama plan her 13th birthday party.* Answer each question. Be sure to show your work and explain the process you used to find your answer.** | | |

**6.RP.1**

Sasha is inviting 45 guests to her party. The white house staff is baking 90 cupcakes. Write the ratio of guests to cupcakes three different ways.

1.

2.

3.

**6.RP.1**

Then, write a sentence to describe the ratio of guests to cupcakes. Make sure the ratio is in simplest form.

**6.RP.2**

Sasha wants to make goodie bags for her guests to take home. It costs $675 to make 45 goodie bags. Write a sentence to express this as a unit rate.

**6.RP.3a**

Malia is helping Sasha decide how much pizza to order. Sasha started a ratio table. Help her finish it and then answer the questions.

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| --- | --- | --- | --- | --- |
| Slices | 3 | 27 | 105 |  |
| Guests | 1 |  |  | 45 |

How many slices will be needed for 45 guests?

If there are 8 slices in a pie, how many pies would Sasha need to purchase so that everyone can have their fair share?

**6.RP.3b**

There is going to be a potato-sack race on the front lawn of the White House. If a guest can finish the 20 meter race in a minute, how many meters can they travel per second?

**6.RP.3c**

Sasha asked people to RSVP for the party. 45 people were invited and 60% said they are coming. What is 60% of 45?

**6.RP.3d**

Malia is in charge of making the fruit punch for the party. She knows that there are 4 quarts in a gallon. The first lady’s crystal punch bowl can hold 5 gallons. How many quarts should Malia make to fill the bowl?